

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO				<i>Complete if Known</i> <b>Application Number</b> 10/783,771 <b>Filing Date</b> 2004-02-20 <b>First Named Inventor</b> ODENWALDER; Joseph P. <b>Art Unit</b> 2611 <b>Examiner Name</b> TRAN, KHAI	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Attorney Docket No:</b> 030243	
<b>Sheet</b>	<b>1</b>	<b>of</b>	<b>10</b>		

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	01	US2149518	03-07-1939	FRANK SR THOMAS	
	02	US5592470	01-07-1997	RUDRAPATNA, et al.	
	03	US5774809	06-30-1998	TUUTIJARVI, et al.	
	04	US6208858	03-27-2001	ANTONIO, et al.	
	05	US6760303	07-06-2004	BROUWER; Frank	
	06	US7289529	10-30-2007	SHERMAN; Matthew J.	
	07	US6816827	11-09-2004	XIA, et al.	
	08	US5394433	02-28-1995	BANTZ; David F. et al.	
	09	US5535214	07-09-1996	SHIOBARA; Yasuhisa.	
	10	US5544156	08-06-1996	TEDER; Paul M. et al.	
	11	US5781861	07-14-1998	KANG; Chang-Soon. et al.	
	12	US5857174	01-05-1999	DUGAN; John W.	
	13	US5966670	10-12-1999	KESKITALO; Ilkka. et al.	
	14	US6046980	04-04-2000	PACKER; Robert L.	
	15	US6049716	04-11-2000	JUNG; Jin-soo.	
	16	US6115357	09-05-2000	PACKER; Robert L. et al.	
	17	US6128882	10-10-2000	JONES; Cecil Gwilliam.	
	18	US6134218	10-17-2000	HOLDEN; Brian D.	
	19	US6195552	02-27-2001	JEONG; Jin-soo. et al.	
	20	US6205129	03-20-2001	ESTEVEZ; Eduardo A. S. et al.	
	21	US6208699	03-27-2001	CHEN; Tao. et al.	

EXAMINER SIGNATURE

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1445/PTO				Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Application Number</b>	10/783,771
				<b>Filing Date</b>	2004-02-20
				<b>First Named Inventor</b>	ODENWALDER; Joseph P.
				<b>Art Unit</b>	2611
				<b>Examiner Name</b>	TRAN, KHA
<b>Sheet</b>	2	of	10	<b>Attorney Docket No:</b> 030243	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2(f) known</sup>			
	22	US6233455	05-15-2001	RAMAKRISHNA; Deepa. et al.	
	23	US6363255	03-26-2002	KUWAHARA; Soichi.	
	24	US6414988	07-02-2002	LING; Fuyun.	
	25	US6425105	07-23-2002	PIIRAINEN; Olli. et al.	
	26	US6496496	12-17-2002	RAMAKRISHNA; Deepa. et al.	
	27	US6505058	01-07-2003	WILLEY; W. Daniel.	
	28	US6532363	03-11-2003	PUSSINEN; Arto.	
	29	US6571101	05-27-2003	SCHULZ; Egon.	
	30	US6597913	07-22-2003	NATARAJAN; Kadathur S.	
	31	US6654609	11-25-2003	KIM; Dong-Hun.	
	32	US6680925	01-20-2004	WU; Qiang. et al.	
	33	US6701151	03-02-2004	DIACHINA; John W. et al.	
	34	US6741862	05-25-2004	CHUNG; Sae-Young. et al.	
	35	US6865389	03-08-2005	LEE; Bo. et al.	
	36	US6904286	06-07-2005	DANTU; Ramanamurthy.	
	37	US6917581	07-12-2005	PROCTOR; Jr. James A. et al.	
	38	US6982946	01-03-2006	WIBERG; Niclas. et al.	
	39	US6987798	01-17-2006	AHN; Seong-Woo. et al.	
	40	US7050406	05-23-2006	HSU; Liangchi. et al.	
	41	US7069038	06-27-2006	HAKKINEN; Hannu. et al.	

EXAMINER SIGNATURE

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* Applicant's unique citation designation number (optional).<sup>2</sup>  
 See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. \* Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).<sup>4</sup>  
 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \* Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. \* Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/783,771
Filing Date	2004-02-20
First Named Inventor	ODENWALDER; Joseph P.
Art Unit	2611
Examiner Name	TRAN, KHA

Sheet	3	of	10	Attorney Docket No: 030243
-------	---	----	----	----------------------------

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	42	US7103021	09-05-2006	JOU; Yu-Cheun.	
	43	US7277709	10-02-2007	VADGAMA; Sunil Keshavji.	
	44	US7327716	02-05-2008	FONG; Mo-Han. et al.	
	45	US7336640	02-26-2008	MCDONOUGH; John G. et al.	
	46	US7336954	02-26-2008	WANG; Jun. et al.	
	47	US7447258	11-04-2008	PIETILA; Samuli. et al.	
	48	US7447287	11-04-2008	PARANTAINEN; Janne.	
	49	US20030083069	05-01-2003	VADGAMA, Sunil Keshavji	
	50	US20040013102	01-22-2004	FONG, Mo-Han; et al.	
	51	US20050254465	11-17-2005	LUNDBY, Stein A. et al.	
	52	US20020067774	06-06-2002	RAZUOMOV, Leonid et al.	
	53	US20020015388	02-07-2002	KIM; Dae-Gyun. et al.	
	54	US20020021683	02-21-2002	HOLTZMAN; Jack. et al.	
	55	US20020051432	05-02-2002	SHIN; Yeong Jong.	
	56	US20020089923	07-11-2002	YOSHIDA; Makoto. et al.	
	57	US20020137521	09-26-2002	KIM; Min-Goo. et al.	
	58	US20020150077	10-17-2002	TEMERINAC; Miodrag.	
	59	US20020154610	10-24-2002	TIEDEMANN; Edward G. JR. et al.	
	60	US20020160767	10-31-2002	HANLY; Stephen Vaughan.	
	61	US20020172192	11-21-2002	HUNZINGER; Jason F. et al.	

EXAMINER SIGNATURE

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

*Complete if Known*

<b>Application Number</b>	10/783,771
<b>Filing Date</b>	2004-02-20
<b>First Named Inventor</b>	ODENWALDER, Joseph P.
<b>Art Unit</b>	2611
<b>Examiner Name</b>	TRAN, KHA

<b>Sheet</b>	4	of	10	<b>Attorney Docket No:</b> 030243
--------------	---	----	----	-----------------------------------

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2(a)</sup> (if known)			
	62	US20020172217	11-21-2002	KADABA; Srinivas R. et al.	
	63	US20020183039	12-05-2002	PADGETT; Jay. et al.	
	64	US20020191570	12-19-2002	KIM; Youn-Sun. et al.	
	65	US20020191677	12-19-2002	CHEN; Hung-Kun. et al.	
	66	US20030050084	03-13-2003	DAMNJANOVIC; Aleksandar. et al.	
	67	US20030050086	03-13-2003	LEE; Young Jo. et al.	
	68	US20030058953	03-27-2003	LEE; Goon Seop. et al.	
	69	US20030072392	04-17-2003	BEADLE; Edward R. et al.	
	70	US20030073443	04-17-2003	BAE; Beom-Sik. et al.	
	71	US20030087651	05-08-2003	RAUSCHMAYER; Dennis.	
	72	US20030129981	07-10-2003	KIM; Hye Ock.	
	73	US20030137953	07-24-2003	CHAE; Chan-Byoung. et al.	
	74	US20030161340	08-28-2003	SHERMAN; Matthew J.	
	75	US20030219037	11-27-2003	TOSKALA; Antti. et al.	
	76	US20040091067	05-13-2004	AMMER; Gerhard. et al.	
	77	US20040101035	05-27-2004	BOER; Jan. et al.	
	78	US20040160922	08-19-2004	NANDA; Sanjiv. et al.	
	79	US20040162083	08-19-2004	CHEN; Tao. et al.	
	80	US20040162098	08-19-2004	WEI; Yongbin. et al.	
	81	US20040203973	10-14-2004	KHAN; Farooq Ullah.	
	82	US20040208139	10-21-2004	IWAMURA; Ryuichi.	

EXAMINER SIGNATURE

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \*Applicant's unique citation designation number (optional). \* See Kinds-Codes of USPTO Patent Documents at [www.uspto.gov/ip/mpep/901.04](http://www.uspto.gov/ip/mpep/901.04). \*Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \*Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. \* Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

*Complete if Known*

<b>Application Number</b>	10/783,771
<b>Filing Date</b>	2004-02-20
<b>First Named Inventor</b>	ODENWALDER; Joseph P.
<b>Art Unit</b>	2611
<b>Examiner Name</b>	TRAN, KHAI

<b>Sheet</b>	5	<b>of</b>	10	<b>Attorney Docket No:</b> 030243
--------------	---	-----------	----	-----------------------------------

**U.S. PATENT DOCUMENTS**

<b>Examiner Initials*</b>	<b>Cite No.<sup>1</sup></b>	<b>Document Number</b>	<b>Publication Date MM-DD-YYYY</b>	<b>Name of Patentee or Applicant of Cited Document</b>	<b>Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear</b>
		<b>Number-Kind Code<sup>2(a)</sup> (if known)</b>			
	83	US20040224711	11-11-2004	PANCHAL; Rajendra A. et al.	
	84	US20040228349	11-18-2004	VRZIC; Sophie. et al.	
	85	US20050004970	01-06-2005	JAIN; Avinash. et al.	
	86	US20060007892	01-12-2006	SUDO; Hiroaki	
	87	US20060019701	01-26-2006	Ji; Tingfang	
	88	US20060128410	06-15-2006	DERRYBERRY; Thomas R., et al.	
	89	US20060165126	07-27-2006	PETERSSON; Justus, et al.	
	90	US20060215737	09-28-2006	BANG; Seung-Chan, et al.	
	91	US20020136271	09-26-2002	HIRAMATSU, et al.	

**EXAMINER SIGNATURE****DATE CONSIDERED**

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTC

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

<b>Application Number</b>	10/783,771
<b>Filing Date</b>	2004-02-20
<b>First Named Inventor</b>	ODENWALDER; Joseph P.
<b>Art Unit</b>	2611
<b>Examiner Name</b>	TRAN, KHAI

Sheet 6 of 10

Attorney Docket No: 030243

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> Number <sup>2</sup> Kind Code <sup>4</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
	92	WO02041531A2	05-23-2002	QUALCOMM INC [US]		<input type="checkbox"/>
	93	CN1263675	08-16-2000	QUALCOMM INC [US]		<input type="checkbox"/>
	94	JP200277984	03-15-2002	TOSHIBA CORP.		<input type="checkbox"/>
	95	CN1166094	11-26-1997	MITSUBISHI ELECTRIC CORP [JP]		<input type="checkbox"/>
	96	EP0627827A2	12-07-1994	CSELT CENTRO STUDI LAB TELECOM (IT). et al.		<input type="checkbox"/>
	97	EP1231807A2	08-14-2002	LG ELECTRONICS INC [KR].		<input type="checkbox"/>
	98	EP1236471A2	09-04-2002	ALCON LAB INC [US].		<input type="checkbox"/>
	99	EP1257140A1	11-13-2002	LUCENT TECHNOLOGIES INC [US].		<input type="checkbox"/>
	100	JP2002159061A	05-31-2002	YRP MOBILE TELECOMM KEY TECH R. et al.		<input type="checkbox"/>
	101	JP2003060606A	02-28-2003	HITACHI INT ELECTRIC INC.		<input type="checkbox"/>
	102	JP08298498A	12-11-1996	MITSUBISHI ELECTRIC CORP.		<input type="checkbox"/>
	103	KR0156478B1	11-16-1998	LG ELECTRONICS INC [KR].		<input type="checkbox"/>
	104	RU2073913C1	02-20-1997	KONINKL PHILIPS ELECTRONICS NV [NL].		<input type="checkbox"/>
	105	RU2120198C1	10-10-1998	QUALCOMM INC [US].		<input type="checkbox"/>
	106	RU2149518C1	05-20-2000	EHRIKSSON INK [US].		<input type="checkbox"/>
	107	WO008869A2	02-17-2000	SAMSUNG ELECTRONICS CO LTD [KR].		<input type="checkbox"/>
	108	WO0072622A1	11-30-2000	QUALCOMM INC [US].		<input type="checkbox"/>
	109	WO0110159A1	02-08-2001	HOTTINEN ARI [FI]. et al.		<input type="checkbox"/>

EXAMINER SIGNATURE

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup>

<sup>3</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov/ip/mpep/901.04](http://www.uspto.gov/ip/mpep/901.04). <sup>4</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>5</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>6</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>7</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

*Complete If Known*

<b>Application Number</b>	10/783,771
<b>Filing Date</b>	2004-02-20
<b>First Named Inventor</b>	ODENWALDER, Joseph P.
<b>Art Unit</b>	2611
<b>Examiner Name</b>	TRAN, KHAI

Sheet 7 of 10

Attorney Docket No: 030243

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T 6
		Country Code <sup>3</sup> - Number <sup>2</sup> Kind Code <sup>4</sup> (if known)				
	110	WO0124568A1	04-05-2001	QUALCOMM INC [US].		<input type="checkbox"/>
	111	WO2005015942A1	02-17-2005	QUALCOMM INC [US]. et al.		<input type="checkbox"/>
	112	WO9512297A1	05-04-1995	QUALCOMM INC [US].		<input type="checkbox"/>
	113	WO9701256A1	01-09-1997	ERICSSON TELEFON AB L M [SE].		<input type="checkbox"/>
	114	WO9835525A2	08-13-1998	QUALCOMM INC [US].		<input type="checkbox"/>
	115	WO9912282A1	03-11-1999	ERICSSON TELEFON AB L M [SE].		<input type="checkbox"/>
	116	WO01028194A1	04-19-2001	QUALCOMM INC [US]		<input type="checkbox"/>
	117	WO95007578A1	03-16-1995	QUALCOMM INC [US]		<input type="checkbox"/>
	118	WO02095960	11-28-2002	QUALCOMM INCORPORATED		<input type="checkbox"/>
	119	JP2002-026808	01-25-2002	MATSUSHITA ELECTRIC IND CO LTD		<input type="checkbox"/>
	120	JP2002-232943	08-16-2002	SONY CORP		<input type="checkbox"/>
	121	JP2005-505955	02-24-2005	QUALCOMM INCORPORATED		<input type="checkbox"/>

EXAMINER SIGNATURE

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST-3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST-16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTC

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

*Complete if Known*

<b>Application Number</b>	10/783,771
<b>Filing Date</b>	2004-02-20
<b>First Named Inventor</b>	ODENWALDER, Joseph P.
<b>Art Unit</b>	2611
<b>Examiner Name</b>	TRAN, KHAI

<b>Sheet</b>	<b>8</b>	<b>of</b>	<b>10</b>	<b>Attorney Docket No:</b> 030243
--------------	----------	-----------	-----------	-----------------------------------

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T2
	122	"Mobile Station-Base Station Compatibility Standard for Wideband Spread Spectrum Cellular Systems," TIA/EIA Interim Standard, February 3, 1999, XP002145331, pp. 6-380, 6 (TIA/EIA-95-B).	
	123	"The CDMA 2000 ITU-R RTT Candidate Submission (0.18)," Telecommunications Industry Association TIA, July 27, 1998, XP002294165, pp. 1-145.	
	124	"Universal Mobile Telecommunications System (UMTS); Physical channels and mapping of transport channels onto physical channels (FDD) (3GPP TS 25.211 version 5.3.0 Release 5)," ETSI TS 125 211 v 5.3.0 (2002-12), December 2002, Pages 1-52.	
	125	3G TS 25.211 "Physical channels and mapping of transport channels onto physical channels (FDD)", Release 5, V5.0.0, March 2002.	
	126	3G TS 25.212 "Multiplexing and channel coding (FDD)", Release 5, V5.0.0, March 2002.	
	127	3G TS 25.213 "Spreading and modulation (FDD)", Release 5, V5.0.0, March 2002.	
	128	3G TS 25.214 "Physical layer procedures (FDD)", Release 5, V5.0.0, March 2002.	
	129	CHEN, TAU, "Method and Apparatus for Forward Link Power Control During Soft Handoff in a Communication System", US Provisional Application 60/356,929 entitled, filed 2/12/02, QUALCOMM Incorporated.	
	130	GYUNG-HO HWANG et al. "Distributed Rate Control for Throughput Maximization and DOS Support in WCDMA System", 2001 IEEE, October 7-11, 2001, Pages 1721-1725.	
	131	NANDAGOPAL T et al: "Service differentiation through end-to-end rate control in low bandwidth wireless packet networks" Mobile Multimedia Communications, 1999. 1999 IEEE International workshop on San Diego, CA USA 15-17 Nov 1999 Piscataway, NJ, USA IEEE.	
	132	TIA/EIA/IS-856-1;"CDMA 2000 High Rate Packet Data Air Interface Specification" ADDENDUM 1(2002-06).	
	133	YOUNG-JOO SONG et al. "Rate-control Snoop: A Reliable Transport Protocol for Heterogeneous Networks with Wired and Wireless Links", IEEE Proceedings 2003, vol. 2, Mar. 16, 2003, pp. 1334-1338. Cited by other.	

**EXAMINER SIGNATURE****DATE CONSIDERED**

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. †Applicant's unique citation designation number (optional). ‡ See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. §Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ¶ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \*Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. \* Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



Substitute for form 1449/PTO				<i>Complete if Known</i> <b>Application Number</b> 10/783,771 <b>Filing Date</b> 2004-02-20 <b>First Named Inventor</b> ODENWALDER; Joseph P. <b>Art Unit</b> 2611 <b>Examiner Name</b> TRAN, KHA1	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>					
				<b>Attorney Docket No:</b> 030243	
<b>Sheet</b>	9	<b>of</b>	10		

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T2	
	134	YOUNG-UK CHUNG et al, "An Efficient Reverse Link Data Rate Control Scheme for 1xEV-DV System," IEEE 54TH. Vehicular Technology Conference Proceedings. Atlantic City, NJ, Oct. 7-11, 2001. IEEE, US. Vol 1 of 4, Conf. 54, October 10, 2001, pages 820-823.		
	135	3GPP2 C: "CDMA 2000 High Rate Packet Data Air Interface Specification C.S0024" 3GPP Standards, 12 September 2000 (2000-09-12), XP002206456 cited in the application.		
	136	CHAKRAVARTY S ET AL: "An Algorithm for Reverse Traffic Channel Rate Control for CDMA 2000 High Rate Packet Data Systems "GLOBECOM"OI. 2001 IEEE GLOBAL Telecommunications Conference. SAN ANTONIO, TX, NOV. 25 - 29, 2001, IEEE Global Telecommunications CONFERENCE, NEWYORK, NY: IEEE, US, x vol. VOL. 6 OF 6, 25 November 2001 (2001-11-25), pages 3733-3737, XP002277693.		

EXAMINER SIGNATURE

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \*Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. \*Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.